

**ideal**

*performance guaranteed*

# FLASHERS

## H. D. VARIABLE LOAD



For extra reliability  
in trucks, buses . . .  
for turn signals, hazard warning signals.



For simplified inventory — rapid turnover.  
Fits 90% of all 12 volt cars on the road.  
For turn signals, hazard warning signals.

## FIXED LOAD



For economical replacement on passenger cars.

# H. D. VARIABLE LOAD FLASHERS

with five point construction  
advantages...better for fleets  
in cutting downtime and maintenance  
costs—better for passenger cars too!

**1 EXTRA LARGE FRAME:**

This vital backbone of the flasher supports all the working elements — Ideal has made it 'extra' large for 'extra' support.

**2 LARGER SNAP BLADE:**

Due to larger frame, Ideal uses a larger, stronger snap blade which prolongs the life of this element. Blade opens the circuit approximately 90 times a minute.

**3 SIX WELD POINTS:**

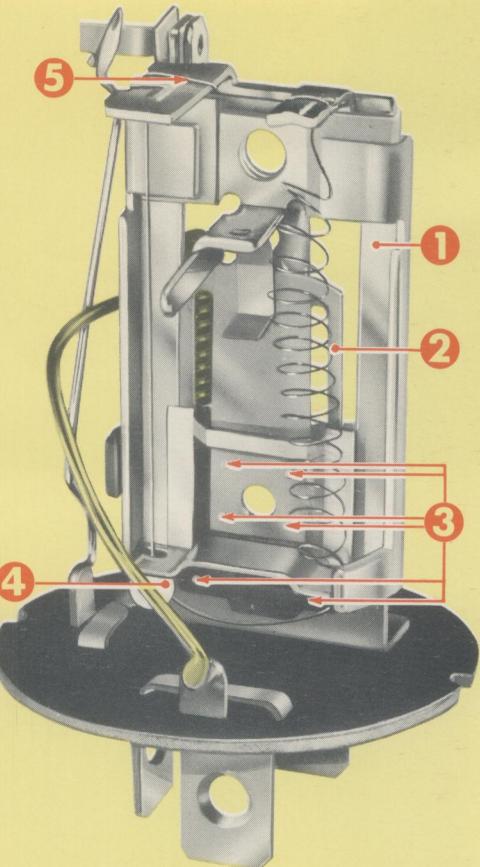
To assure no shifting or breakage as the blade snaps the circuit opened and closed, the blade base is welded at 6 points as compared to customary 2 points.

**4 GLASS BEAD INSULATOR:**

Advanced fusing techniques developed by Ideal are the secret to making this insulator virtually shatter-proof.

**5 THERMAL WIRE SECURITY:**

This wire which must pull the circuit closed approximately 90 times a minute — over a million times in its life — is doubly secured a full 2 1/2 turns before welding.



## Plus CONTROLLED QUALITY:

Electronic quality controls are built into the production cycle of HD variable load flashers — from the analysis of raw material to an automatic check after each operation. Before sealing, each flasher is operated under the conditions it will fulfill in the field. After the flasher is sealed, a representative lot is life tested under extreme conditions to assure that the lot is up to our rigid standards. Only then will these flashers be shipped into the field.

**FOR TRUCKS AND BUSES...** The heavy duty construction and emphasis on reliability cut downtime and maintenance costs for fleets. **Warranted for 1 year or 12,000 miles whichever comes first.**

**FOR HAZARD WARNING...** For long life hazard signalling on trucks and passenger cars. Enables commercial vehicles to meet ICC regulations.

**FOR PASSENGER CARS...** Ideal H.D. Variable Load flashers revitalize signal systems in

older 6 and 12 volt cars whose electrical systems no longer deliver the voltage required to operate fixed load flashers. They put new life and power into sluggish signal systems — brighten lamps and boost signals. **Warranted on passenger cars for 5 years or 50,000 miles whichever comes first.**

**FOR SIMPLIFIED INVENTORY** ... Only 3 numbers are needed in inventory to cover 99% of all vehicles on the road.

**FUSING RECOMMENDATIONS  
FOR H. D. VARIABLE LOAD FLASHERS**

Protect signal system components against short circuit damage. Use correct rated fuse on input lead as follows:

NUMBER OF LAMPS FLASHED	USE FUSE OR CIRCUIT BREAKER
1 to 2	6 to 20 Amps.
1 to 4	9 to 20 Amps.
1 to 6	14 to 20 Amps.
1 to 8	20 Amps.

Equivalent circuit breakers may be used but fuses give greater protection to the flasher.

## TWIST TOP ADAPTER

Part No. 210

Use to install No. 224 or 536 flashers, on Ford family cars late 1965-'67. Just snap flasher into bracket and twist plastic adapter into mounting hole with a quarter turn to lock. Fusing the input lead is recommended. **Packed 10 to the box.**



## H. D. VARIABLE LOAD



For extra reliability in trucks, buses, cars . . . for turn signals, hazard warning signals.

**TRUCKS:**  
Warranted for 1 year or 12,000 miles whichever comes first.

**PASSENGER CARS:**  
Warranted for 5 years or 50,000 miles, whichever comes first.

## FIXED LOAD



Built to surpass car factory, SAE and all state regulations. Eight numbers provide full coverage.

**PASSENGER CARS:**  
Warranted for 24 months or 24,000 miles, whichever comes first.

**535** REPLACES MOST 6 VOLT 3 TERMINAL FLASHERS

Flashes two to four 21 C.P. lamps for turn signal, two to six 21 C.P. lamps for hazard warning. Complete with mounting bracket and hardware. Separate pilot circuit. **GOLD.**

**537** ALTERNATING FLASHER FOR 12 VOLT EMERGENCY VEHICLES

3 terminals, flashes two (per circuit) 21 or 32 C.P. standard or LL lamps. Complete with mounting bracket and hardware. **GOLD.**

**540** SINGLE LAMP SPECIAL PURPOSE 12 VOLT FLASHER

2 terminals, flashes one 15 to 50 C.P. lamp or one 18 to 40 watt sealed beam lamp. Complete with mounting bracket and hardware. **GOLD.**

**222** 12 VOLT, 3 TERMINALS

Flashes two 32 C.P. STD. Lamps. Separate pilot circuit. Fits Buick and Oldsmobile 1953-'60; Cadillac 1953-'58; Chrysler 1953-'56; DeSoto, Dodge and Plymouth 1956; Packard 1955-'56 and Pontiac 1955. **SILVER.**

**224** 12 VOLT, 2 TERMINALS

Flashes two 32 C.P. LL Lamps. Fits most Ford family 1963-'66 and all G.M. cars 1964-'66 with one rear signal. Use with Twist top adapter on Ford family cars late 1965 and after. **BLUE.**

**261** 6 VOLT, 2 TERMINALS

Flashes two 21 C.P. lamps. Fits Ford, Lincoln and Mercury 1953-'55; Hudson 1953-'54 and Studebaker 1955. **SILVER.**

**322** 12 VOLT, 2 TERMINALS

Flashes three 32 C.P. STD. Lamps. Fits Cadillac 1960-'62; Chevrolet Impala 1959-'63; Pontiac 1959-'63 with two rear signals; Dodge and Plymouth 1964-'66 with two rear signals. **GREEN.**

**536** REPLACES MOST 12 VOLT 2 TERMINAL FLASHERS (COVERS 90% OF ALL 12 VOLT VEHICLES)

Flashes two to four 21 or 32 C.P. standard or LL lamps for turn signal, two to six lamps for hazard warning. **GOLD.**

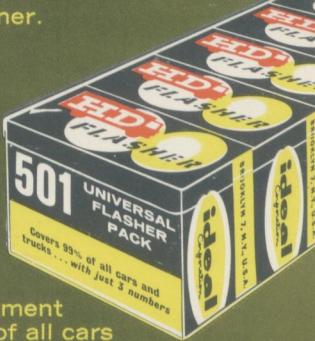
**539** SINGLE LAMP SPECIAL PURPOSE 6 VOLT FLASHER

2 terminals, flashes one 15 to 50 C.P. lamp or one 18 to 40 watt sealed beam lamp. Complete with mounting bracket and hardware. **GOLD.**

**550** REPLACES MOST 12 VOLT 3 TERMINAL FLASHERS

Flashes two to four 21 or 32 C.P. standard or LL lamps for turn signal, two to six lamps for hazard warning. Separate pilot circuit. **GOLD.**

## MERCHANDISED TO MOTIVATE !



**503**

**PAK-O-FIVE**

Popular 536 now available in 'see thru' free reusable plastic container.

**501**

Ideal service station assortment covers 99% of all cars and trucks . . . with just 3 numbers — free reusable plastic container. Easy reference car guide included.

### CONTENTS:

- 3 — No. 536
- 1 — No. 550
- 1 — No. 535

**502**



For Jobber Counter — Display sells full coverage flasher assortments. Contains ten 501 assortments (50 flashers). Compact, all metal display is **FREE!**

Puts easy-to-sell 5 pack assortments on your counter-top ACTION line!

### BLISTER PAK

Ideal flashers are available on colorful blister cards — each card containing car guide. To order add "V" after

Part Number.

Example:

536V. No. 204

flasher display

with free rack

contains the

following

assortment:



### CONTENTS 204 ASSORTMENT

- 10 — No. 222V
- 10 — No. 535V
- 20 — No. 223V
- 10 — No. 536V
- 10 — No. 260V
- 10 — No. 550V
- 10 — No. 322V

# 1966 IDEAL FLASHER CAR and TRUCK GUIDE

## CAR GUIDE

CAR	YEAR	MODEL	FLASHER NUMBER		CAR	YEAR	MODEL	FLASHER NUMBER	
			HEAVY DUTY	FIXED LOAD				HEAVY DUTY	FIXED LOAD
Buick & Special	1941-53	6 Volt	535	260	Lincoln & Continental	1949-52	All	535	260
	1953-60	12 Volt	550	222		1953-55	All	—	261
	1961-63	All	536	223		1956-59	All	536	223
	1964-66	With One Rear Signal	536	224		1960	All	536	322
	1965-66	With Two Rear Signals	536	323		1961-62	All	536	223
	1966					1963-66	All	536	224
Cadillac	1940-52	All	535	260	Mercury	1949-52	All	535	260
	1953-56	All	550	222		1953-55	All	—	261
	1957-58	Series 6039, 7059	550	222		1956-62	With One Rear Signal	536	223
	1957-58	All Except 6039, 7059	550	222		1960-62	With Two Rear Signals	536	322
	1959	All	550	222		1963-64	With One Rear Signal	536	224
	1960-62	All	536	322		1963-64	With Two Rear Signals	536	323
	1963	All	536	223		1965-66	All	536	224
	1964	All	536	323	Metropolitan	1958-62	All	536	223
	1965	All Except #75 Limousine	536	224		1964-55	All	535	260
	1965	#75 Limousine	536	323		1956-63	All	536	223
	1966	All	536	323		1964-66	All	536	224
Checker Cab & Superba	1956-58	6 Volt	535	260	Oldsmobile & F-85	1946-52	All	535	260
	1956-58	12 Volt	550	222		1953-60	All	550	222
	1959-66	All	550	222		1961-63	All	536	223
Chevrolet	1948-54	All	535	260		1964-66	With One Rear Signal	536	224
	1955-63	With One Rear Signal	536	223		1964-66	With Two Rear Signals	536	323
	1959-63	With Two Rear Signals	536	322		1966	Use H. D.	536	Use H. D.
	1964-66	With One Rear Signal	536	224		1942-54	All	535	260
	1964-66	With Two Rear Signals	536	323		1955-56	All	550	222
	1966	Impala, Caprice Series	536	323		1957-58	All	536	223
Chevelle Chevy II	1964-66	All	536	224	Packard	1941-55	All	535	260
	1962-63	All	536	223		1956	All	550	222
	1964-66	All	536	224		1957-66	With One Rear Signal	536	223
Chrysler & Imperial	1941-55	6 Volt	535	260		1964-66	With Two Rear Signals	536	322
	1953-56	12 Volt	550	222		1966	Charger Series	536	Use H. D.
	1957-66	With One Rear Signal	536	223		1942-54	All	535	260
	1965-66	With Two Rear Signals	536	322		1955-56	All	550	222
Corvair	1960-63	All	536	223		1957-58	All	536	223
	1964-66	All	536	224	Plymouth & Valiant	1941-55	All	535	260
Corvette	1960-63	All	536	223		1956	All	550	222
	1964-66	With One Rear Signal	536	224		1957-66	With One Rear Signal	536	223
	1964-66	With Two Rear Signals	536	323		1964-66	With Two Rear Signals	536	322
De Soto	1941-55	All	535	260		1966	Charger Series	536	Use H. D.
	1956	All	550	222	Pontiac & Tempest	1946-54	All	535	260
	1957-61	All	536	223		1955	All	550	222
Dodge, Dart & Lancer	1941-55	All	535	260		1956-57	All	536	223
	1956	All	550	222		1958	All	536	322
	1957-65	With One Rear Signal	536	223		1959-63	With One Rear Signal	536	223
	1964-65	With Two Rear Signals	536	322		1959-63	With Two Rear Signals	536	322
	1966	All (Except Monaco Series)	536	223		1964-66	With One Rear Signal	536	224
Ford & Falcon	1949-52	All	535	260		1964-66	With Two Rear Signals	536	323
	1953-55	All	535	260		1966	Bonneville Series	536	Use H. D.
	1956-62	All	536	223		1966	GTO Tempest	536	Use H. D.
	1963-66	All	536	224	Studebaker & Lark	1942-54	All	535	260
Hudson	1940-52	All	535	260		1955	All	535	261
	1953-54	All	—	261		1956-62	All	536	223
	1955	All	535	260		1963	All	536	224
	1956-57	All	536	223		1964	All	549	549
	1963-66				Thunderbird	1955	All	—	261
Willys	1949-52	All	535	260		1956-62	All	536	223
	1953-55	All	—	261		1963	All	536	224
	1956-62	All	535	260		1964	All	549	549
	1963-66	All	536	224	Volkswagen	1955-65	All	268	268
Hudson	1940-52	All	535	260		1956-65	All	535	260
	1953-54	All	—	261	Willys	1950-60	6 Volt	535	260
	1955	All	535	260		1960-62	12 Volt	550	222
Hudson	1956-57	All	536	223	Willys	1963-66	12 Volt	536	223

## TRUCK GUIDE

VOLTS	NUMBER TERMINALS	NUMBER LAMPS	LAMP C. P.	FLASHER NUMBER
6	3	1 to 6 multiple	21	535
12	2	1 to 6 multiple	21 or 32	536
12	3	*2 to 6 multiple	21 or 32	537
6	2	1	15-50	539
12	2	1	15-50	540
12	3	1 to 6 multiple	21-32	550

\*Alternating

## CROSS REFERENCE

SIGNAL-STAT NUMBER	IDEAL FLASHER NUMBER		OLD TUNG-SOL NUMBER	SIGNAL-STAT NUMBER	IDEAL FLASHER NUMBER		OLD TUNG-SOL NUMBER
	FIXED LOAD	HEAVY DUTY REPLACEMENT			FIXED LOAD	HEAVY DUTY REPLACEMENT	
111	261	—	A229S	143	322	536	AP373
112	260	535	UP229D P229D 229D 229DO	144	224	536	AP373S
113	222	550	P273D	145	323	536	AP256S
115	—	537	537	146	—	536	AP356S
116	260	535	535	148	—	536	—
117	222	550	P273D	149	—	536	—
118	260	535	UP229D P229D 229D 229DO	157 170 171	268	—	—
119	222	550	P273D	175	—	536	—
142	223	536	AP273 AP273S AP273V	176 180 181	—	536 550 535	—

**NOTE:** Use Twist Top Adapter (Part No. 210) when installing flashers 224 or 536 on Ford family cars — late 1965-'66

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